

App. No. 09/544,399  
Amdt. Dated Nov. 5, 2004  
Reply to Office Action of September 14, 2004

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims:

Claim 1 (currently amended) A wound healing apparatus comprising:

a foam pad shaped for insertion into a wound bed, said pad comprising:

~~— a highly reticulated open-cell foam; and~~

a means for providing phototherapy through said foam pad into the tissue of the wound bed.

Claim 2 (currently amended): A pad-wound healing apparatus according to claim 1 wherein said pad transmits electromagnetic radiation in a significant portion of the spectrum between approximately 300nm and approximately 1500nm.

Claim 3 (currently amended): A pad for insertion into a wound bed, said pad comprising:

~~according to claim 2 wherein said pad is comprised of a~~ reticulated open-cell plasticized acrylmide foam; and

a means for providing phototherapy.

Claim 4 (currently amended): A pad for insertion into a wound bed, said pad comprising:

~~according to claim 1 wherein said pad comprises a highly reticulated, open-cell foam selected from the group consisting of polyurethane and polyether; and~~

a means for providing phototherapy.

App. No. 09/544,399  
Amdt. Dated Nov. 5, 2004  
Reply to Office Action of September 14, 2004

Claim 5 (currently amended): A ~~pad~~ wound healing apparatus according to claim 1 wherein said phototherapy means comprises an optical fiber.

Claim 6 (currently amended ): A ~~pad~~ wound healing apparatus according to claim 5 wherein said fiber comprises a plurality of optically transmitting fibers.

Claim 7 (currently amended): A pad for insertion into a wound bed, said pad comprising:  
a highly reticulated open-cell foam; and  
~~according to claim 1 wherein said means~~ an optical pigtail for providing phototherapy  
~~comprise an optical pigtail.~~

Claim 8 (currently amended): A pad according to claim 7 wherein said pigtail comprises a plurality of optical fibers.

Claim 9 (currently amended): A wound healing apparatus comprising:  
a reticulated open-cell foam pad for insertion into a wound bed;  
a means for providing phototherapy; and  
~~according to claim 1, further comprising~~ a device enabling the concurrent application of negative pressure therapy and the delivery of electromagnetic energy to a wound, wherein said device comprises a vacuum drainage means, an air tight drape providing a seal about said pad, and an energy emitter integrally incorporated within said pad.

App. No. 09/544,399  
Amdt. Dated Nov. 5, 2004  
Reply to Office Action of September 14, 2004

Claim 10 (currently amended): A ~~device~~ wound healing apparatus according to claim 9 wherein said energy emitter comprises optical slots.

Claim 11 (original): A method of providing concurrent negative pressure therapy and phototherapy comprising negative pressure application means having phototherapy means integrated therein.

Claim 12 (currently amended): A method according to claim 11 wherein said phototherapy means comprises optical slots.

Claim 13 (previously presented): A pad for use in negative pressure therapy that also comprises means for providing phototherapy, said pad comprised of a plasticized, acrylmide foam, and wherein said pad transmits electromagnetic radiation in a significant portion of the spectrum between about 300nm and approximately 1500nm.